

November 24, 2021

Dear Consultant:

The Missouri Highways and Transportation Commission is requesting the services of a consulting engineering firm to perform the described professional services for the project included on the attached list.

If your firm would like to be considered for these consulting services, you may express your interest by responding to the appropriate office, which is indicated on the attachments. Limit your letter of interest to no more than four pages. This letter should include a statement to indicate your firm's understanding of the project. It should also include any other information which might help us in the selection process, including key personnel you would assign to the project and the backgrounds of those individuals, and any sub-consultants you would propose to use, and an indication of your firm's approach to promoting and developing a diverse workforce. MoDOT is committed to reflecting the diversity of the communities we serve and we expect our partners to do the same. We will utilize the consultant information already on file so we will not need a lengthy submittal of other general company information. In addition, please attach one page with detailed information on similar projects that your key personnel have worked on. Indicate the role your key personnel played in the projects and include reference contact information.

DBE firms must be certified by the Missouri Department of Transportation in order to be counted as participation towards an established DBE Goal. We encourage DBE firms to submit letters of interest as prime consultants for any projects they feel can be managed by their firm. We also encourage both DBE firms and non-DBE firms to consider joining MoDOT's Mentor/Protégé program whenever possible as part of a MoDOT project.

MoDOT will evaluate firms based on: Project Understanding, Qualifications of Personnel Assigned, Project Management/Capability, Innovation/Risk Management, and General Experience of Firm. MoDOT is not including the Construction Inspection within the contract at this time. MoDOT plans to supplement as design phasing nears completion. The teams will be scored on their proposed construction inspection narratives. Firms not providing a response on approach to workforce diversity will be considered non-responsive to this solicitation. Firm's that are not current on all of the required prequalification categories found in MoDOT's Approved Consultant Prequalification List at the date of the solicitation expiration will be considered non-responsive.

We request all letters be received by 3:00 pm, December 10, 2021 at the appropriate office.

Sincerely,



Travis Koestner, P.E.  
State Design Engineer

Attachment

## **DISTRICT OFFICES**

### **SL District**

Tom Blair – District Engineer  
Missouri Department of Transportation  
1590 Woodlake Drive  
Chesterfield, MO 63017-5712

### **Project Contact**

Stacey Smith, P.E.  
(314) 453-5084  
[Anastasia.Smith@modot.mo.gov](mailto:Anastasia.Smith@modot.mo.gov)

Tom Evers, P.E.  
(314) 453-1802  
[Thomas.Evers@modot.mo.gov](mailto:Thomas.Evers@modot.mo.gov)

Email responses are encouraged  
Please CC Tom Evers on all correspondences

### **Bridge Division Contact**

(Bridge Inquiries)  
Michele Atkinson, P.E.  
Structural Liaison Engineer  
(573) 522-2371  
[Michele.Atkinson@modot.mo.gov](mailto:Michele.Atkinson@modot.mo.gov)

## District SL

<b>St. Louis County, I-170</b>	
<b>Job No:</b>	J6I3624, J6I3535, J6I3567, J6I3571, J6I3634, and J6I3572
<b>Letting Date:</b>	Various
<b>Location:</b>	Bridges along I-170
<b>Proposed Improvement:</b>	This project bundle will provide for the improvement of bridges and a box culvert throughout the over 10-mile span of Interstate 170 in St. Louis County. The bundle consists of job numbers J6I3624, J6I3535, J6I3567, J6I3571, J6I3634, and J6I3572. The bundled set includes bridge rehabilitations, a bridge replacement, bridge painting, box culvert rehabilitation, and upgrade of median guardrail and barrier.
<b>Length:</b>	10.29 miles
<b>Approximate Construction Cost:</b>	\$22,421,000
<b>DBE Goal (if applicable)</b>	20%
<b>OJT Goal (if applicable)</b>	N/A
<b>Consultant Services Required:</b>	The selected consultant will serve as MoDOT's Project Manager and Resident Engineer and will fully manage through project completion, including: surveying, utility coordination, public involvement, roadway design, geotechnical, right of way acquisition, project estimating and scheduling, environmental coordination, bridge design, construction inspection services, and as-built documentation. The team will also be responsible for developing the conceptual, preliminary, right of way, and final plans as well as the specifications and cost estimates for each job number.
<b>Other Comments:</b>	<p>The Consultant Short List will be posted to the web on December 30, 2021.</p> <p>Interviews will be conducted with the short-listed firms the week of February 11, 2022</p> <p>Tentative Date of Consultant Selection – February 18, 2022</p> <p>All six job numbers are to be awarded as a single bundle to one consultant team, who will provide both design and construction oversight services.</p> <p>Existing bridge plans and other project information is available for download at the following location: <a href="http://www.modot.org/files-download">http://www.modot.org/files-download</a></p> <p>Please submit letter of interest to Stacey via email:  <a href="mailto:Anastasia.Smith@modot.mo.gov">Anastasia.Smith@modot.mo.gov</a></p>

<b>St. Louis County, I-170</b>	
<b>Job No:</b>	J613624
<b>Letting Date:</b>	January 2023
<b>Location:</b>	The interchange of I-170 and I-270.
<b>Proposed Improvement:</b>	Please see attached scope table.
<b>Length:</b>	1.93 miles
<b>Approximate Construction Cost:</b>	\$536,000
<b>Consultant Services Required:</b>	The selected consultant will serve as MoDOT's Project Manager and Resident Engineer and will fully manage through project completion, including: surveying, utility coordination, public involvement, roadway design, right of way acquisition, project estimating and scheduling, environmental coordination, bridge design, construction inspection services, and as-built documentation. The team will also be responsible for developing the conceptual, preliminary, right of way, and final plans as well as the specifications and cost estimates.

<b>St. Louis County, I-170</b>	
<b>Job No:</b>	J613535
<b>Letting Date:</b>	January 2023
<b>Location:</b>	The interchange of I-170 and I-270.
<b>Proposed Improvement:</b>	Please see attached scope table.
<b>Length:</b>	1.47 miles
<b>Approximate Construction Cost:</b>	\$853,000
<b>Consultant Services Required:</b>	The selected consultant will serve as MoDOT's Project Manager and Resident Engineer and will fully manage through project completion, including: surveying, utility coordination, public involvement, roadway design, right of way acquisition, project estimating and scheduling, environmental coordination, bridge design, construction inspection services, and as-built documentation. The team will also be responsible for developing the conceptual, preliminary, right of way, and final plans as well as the specifications and cost estimates.

<b>St. Louis County, I-170</b>	
<b>Job No:</b>	J613567
<b>Letting Date:</b>	Anticipated November 2024
<b>Location:</b>	The interchanges of I-170 with I-64, Ladue Rd., Forest Park Pkwy, Brentwood Blvd., Clayton Rd., and Galleria Pkwy.
<b>Proposed Improvement:</b>	Please see attached scope table.
<b>Length:</b>	1.89 miles
<b>Approximate Construction Cost:</b>	\$4,968,000
<b>Consultant Services Required:</b>	The selected consultant will serve as MoDOT's Project Manager and Resident Engineer and will fully manage through project completion, including: surveying, utility coordination, public involvement, roadway design, geotechnical, right of way acquisition, project estimating and scheduling, environmental coordination, bridge design, construction inspection services, and as-built documentation. The team will also be responsible for developing the conceptual, preliminary, right of way, and final plans as well as the specifications and cost estimates.

<b>St. Louis County, I-170</b>	
<b>Job No:</b>	J613571
<b>Letting Date:</b>	Anticipated November 2023
<b>Location:</b>	The intersection of I-170 and I-70.
<b>Proposed Improvement:</b>	Please see attached scope table.
<b>Length:</b>	2.42 miles
<b>Approximate Construction Cost:</b>	\$8,787,000
<b>Consultant Services Required:</b>	The selected consultant will serve as MoDOT's Project Manager and Resident Engineer and will fully manage through project completion, including: surveying, utility coordination, public involvement, roadway design, right of way acquisition, project estimating and scheduling, environmental coordination, construction inspection services, and as-built documentation. Bridge design for this job number will be conducted by MoDOT. The team will also be responsible for developing the conceptual, preliminary, right of way, and final plans as well as the specifications and cost estimates.

<b>St. Louis County, I-170</b>	
<b>Job No:</b>	J613634
<b>Letting Date:</b>	Anticipated November 2024
<b>Location:</b>	The intersection of I-170 and I-64.
<b>Proposed Improvement:</b>	Please see attached scope table.
<b>Length:</b>	0.51 miles
<b>Approximate Construction Cost:</b>	\$1,125,000
<b>Consultant Services Required:</b>	The selected consultant will serve as MoDOT's Project Manager and Resident Engineer and will fully manage through project completion, including: surveying, utility coordination, public involvement, roadway design, right of way acquisition, project estimating and scheduling, environmental coordination, bridge design, construction inspection services, and as-built documentation. The team will also be responsible for developing the conceptual, preliminary, right of way, and final plans as well as the specifications and cost estimates.

<b>St. Louis County, I-170</b>	
<b>Job No:</b>	J613572
<b>Letting Date:</b>	January 2023
<b>Location:</b>	Various
<b>Proposed Improvement:</b>	Upgrade median guardrail and barrier between Lackland Rd. and Midland Blvd. Please also see attached scope table.
<b>Length:</b>	2.07 miles
<b>Approximate Construction Cost:</b>	\$6,152,000
<b>Consultant Services Required:</b>	The selected consultant will serve as MoDOT's Project Manager and Resident Engineer and will fully manage through project completion, including: surveying, utility coordination, public involvement, roadway design, right of way acquisition, project estimating and scheduling, environmental coordination, bridge design, construction inspection services, and as-built documentation. The team will also be responsible for developing the conceptual, preliminary, right of way, and final plans as well as the specifications and cost estimates.

## **Rating Criteria w/ Weighted Values**

Project Understanding	25 Points Max
Qualifications of Personnel Assigned	25 Points Max
Project Management/Capability	20 Points Max
Innovation/Risk Management	20 Points Max
<u>General Experience of Firm</u>	<u>10 Points Max</u>
<i>Total</i>	<i>100 Points Max</i>

### **Project Understanding**

- Design-Bid-Build Processes including understanding of the approaches, variety of documents and schedule, risk identification, and strategies to retire risk in both design and construction
- Definition of scope of proposed project

### **Qualifications of Personnel Assigned**

- Experience in design of bridge rehabilitations and bridge replacements in high traffic corridors
- Experience with design-bid-build contracting in the transportation industry
- Experience in risk analysis and mitigation
- Experience in providing successful innovations to increase value
- Experience in inspection and administration of a construction contract
- Past performance of personnel on MoDOT projects

### **Project Management/Capability**

- Effectiveness of overall approach to managing the development and administration of contract documents
- Ability to mobilize quickly to meet aggressive schedules as needed
- Effectiveness of team communication and arrangements with both MoDOT and subconsultants
- Effectiveness of quality control/assurance approach
- Ability to work with multiple agencies

### **Innovation/Risk Management**

- Ability to bring cost-effective innovations to improve the individual project
- Ability to effectively provide and partner to provide innovative solutions to mitigate risks
- Experience with successfully implementing risk management initiatives
- Effectiveness of proposed innovations

### **General Experience of Firm**

- Experience with design-bid-build contracting in the transportation industry
- Experience developing and administering complex road and bridge contract documents
- Effectiveness of approach and resources to meet schedule demands and potential tasks
- Past performance of firm on MoDOT projects

Job No.	Bridge No.	Location	Anticipated Bridge Scope	Geotech Investigation Required	Rehab Checklist Completed
J613624	A3808	I-170 Ramp 1 over Pershall Rd.	Epoxy Polymer Wearing Surface & Estimate for Bridge Replacement		X
	A6372	Ramp 4 over Pershall Rd.	Epoxy Polymer Wearing Surface		X
	A6373	Ramp 4 over Ramp 5	Epoxy Polymer Wearing Surface		X
	A6370	Ramp 2 over I-270 & Pershall Rd.	Epoxy Polymer Wearing Surface		X
J613535	A6371	Ramp 3 over I-270, Ramp 2 & Pershall Rd.	Epoxy Polymer Wearing Surface		X
	A2807	I-170 over Woodson Rd.	Hydro Demolition with Latex WS		X
J613572	A2808	I-170 over River Des Peres	Culvert Rehab		
	A2809	I-170 over UPRR	Hydro Demolition with Latex WS		X
	A3176	I-170 over Rte. D (Page Ave.)	Hydro Demolition with Latex WS or Redeck		X
J613571	Various	12 bridges at I-70/I-170 Interchange	Paint Project - Bridge scope being done by MODOT		
J613567	A2779 Twins	I-170 over Galleria Pkwy.	Hydro Demolition with Latex WS		
	A2780 Twins	I-170 over Clayton Rd.	Hydro Demolition with Latex WS		
	A2782 Twins	I-170 over Brentwood Blvd.	Hydro Demolition with Latex WS		
	A2788	I-170 over Forest Park Pkwy.	Bridge Replacement	X	
	A2790	I-170 Ladue Rd.	Re-deck		
	A8011	I-170 SB to I-64 WB over I-170 Conn	Epoxy Polymer Wearing Surface		
	A8012	I-170 SB to I-64 WB over Brentwood Blvd.	Epoxy Polymer Wearing Surface		
	A8015	I-64 WB to I-170 NB	Epoxy Polymer Wearing Surface		
	A8013	I-64 EB to I-170 NB	Epoxy Polymer Wearing Surface		
J613634	A8013	I-170 SB to I-64 EB	Epoxy Polymer Wearing Surface		

*Our mission is to provide a world-class transportation system that is safe, innovative, reliable, and dedicated to a prosperous Missouri.*